

Amendments to the Specification

Amend pages 1 and 2 as follows:

A method and a device for transporting identified packaging units

The present invention relates to a method and a device for individually transporting articles of different type, size, weight, material or shape, to one delivery location of a plurality of delivery locations that is designated for the respective article, as disclosed in more detail in the preambles of attached claims ~~[1 and 17]~~ **1, 3, 4, 11, 13 and 14.**

To illustrate the prior art, reference is made to patent documents **DE-A1-4329193, US-A-5628408, JP-A-7-185476, JP-A-10-000434,** JP-10-174936, EP-B1-0212858, EP-B1-0532028, , US-A-4465177 and EP-A1-0593374.

There are also previously known solutions in which packaging units, after identification, ~~[can be moved]~~ **are movable** by conveyor belts to delivery points that have gates, movable guides, drop doors or the like to divert an identified packaging unit to a **designated** delivery point ~~[designated therefor]~~.

Such known solutions are often mechanically complex and thus costly, and it has been an object of the present invention to be able to indicate a solution that is based on a continuously moving conveying system which is readily adaptable to the need for delivery locations, and which is mechanically simple in its structure and consists of few parts of different types. Thus, the object of the invention is to provide a solution that is easy to maintain, reliable in operation and inexpensive.

According to the invention, the method ~~[is characterized by placing the articles one by one in the respective transport containers, and causing the respective article at the desired respective delivery location to be transferred from its transport container to a collection or storage bin, disintegrator or further conveyor dedicated to the article, the transport container at the designated delivery location being caused to discharge the article from the container under the effect gravity or with the aid of a separate, controlled actuating means, and identifying the respective article at least as regards its material type prior to it being placed in a transport container]~~ **comprises the steps as defined in the independent claims 1, 3 and 4.**

Additional embodiments of the method are set forth in attached, subsidiary claims ~~[2-16]~~ **2 and 5 – 10.**

The aforementioned device ~~[is characterized, according to the invention, by a plurality of transport containers arranged to move in spaced apart relation along a circular transport path as an endless, moving row of containers, each designed to hold just one single article, means for identifying each article at least as regards its material type prior to a location at which packaging units can be placed singly in respective transport containers, and an actuating means located at each delivery location in order, in activated position related to an identified article in the container from the container at its designated delivery location, said actuating means in an inactive position being adapted to selectively allow a container to pass the delivery location or locations to which it is not related without being actuated]~~ **comprises, according to the invention, the characteristic features as defined in the independent claims 11, 13 and 14.**

Additional embodiments of the device are set forth in attached, subsidiary claims [~~18-33~~] 12 and 15 - 20.

The invention will now be explained in more detail with reference to the attached figures which show exemplary embodiments that are non-limiting for the invention.

Fig. 1 is a perspective view of the basic structure of a currently preferred embodiment of the device according to the invention.

Fig. 2 is a perspective view of the device from another angle.

Fig. 3 is an enlarged, side elevational view of a modification of the device seen in Figs. 1 and 2.

Fig. 4 is a block diagram of the signal structure of the device according to the invention.

Fig. 5 shows detail of the device in connection with a non-activated control means.

Fig. 6 shows detail of the device in connection with an activated control means, and Fig. 7 shows further details in connection with a toothed engaging element for controlled inversion of a transport container.

Figs. 8-11 shows further details in connection with the inversion of a transport container.

Fig. 12 is a perspective view of the toothed engaging element.

Fig. 13 is a perspective view of detail of bearing and guide pins on a transport container.